IN THE CLAIMS:

1. (Currently Amended): A cooling system for a fuel cell vehicle comprising:

a fuel gas flow field for supplying fuel gas to a fuel cell stack and exhausting the fuel gas from the fuel cell stack through a fuel gas accumulator, wherein a passage of the fuel gas flow field between the fuel cell stack and fuel gas accumulator comprises at least one first cooling pipe which has a plurality of fins on a circumferential surface thereof;

an air flow field for supplying air to a fuel cell stack and exhausting the air from the fuel cell stack through an air accumulator, wherein a passage of the air flow field between the fuel cell stack and the air accumulator comprises at least one second cooling pipe which has a plurality of fins on a circumferential surface thereof; and

a coolant circulation flow field for supplying coolant to the fuel cell stack, the fuel accumulator, and the air accumulator having a pressure generated by a pump, and cooling ~~the~~ withdrawn coolant therefrom by heat transfer to a radiator, wherein a passage of the coolant circulation flow field consists of at least one third cooling pipe which has a plurality of fins on a circumferential surface thereof.

2. (Canceled).

3. (Currently Amended): [[A]] The cooling system of ~~claim 2~~ claim 1, wherein the fins are streamlined.

4. (Currently Amended): [[A]] The cooling system of claim 3, wherein the circumferential surface of each of the cooling ~~pipe~~ pipes is wave-shaped.

5. (Currently Amended): A ~~pipe which is~~ plurality of pipes provided to a cooling system for a fuel cell vehicle, comprising:

at least one first pipe comprising a plurality of fins on a circumferential surface thereof, and housing at least a portion of a fuel gas flow field for supplying fuel gas to a fuel cell stack and exhausting the fuel gas from the fuel cell stack through a fuel gas accumulator;

at least one second pipe comprising a plurality of fins on a circumferential surface thereof, and housing at least a portion of an air flow field for supplying air to a fuel cell stack and exhausting the air from the fuel cell stack through an air accumulator; and

at least one third pipe comprising a plurality of fins on a circumferential surface thereof, and completely housing a coolant circulation flow field for supplying coolant to the fuel cell stack, the fuel accumulator, and the air accumulator with a pressure generated by a pump, and cooling the coolant withdrawn therefrom by heat transfer to a radiator[[,]] .

~~Wherein the pipe has a plurality of fins on a circumferential surface thereof, and each of a passage of the fuel gas flow field between the fuel cell stack and fuel gas accumulator, a passage of the air flow field between the fuel cell stack and the air accumulator, and a passage of the coolant circulation flow field, is formed by at least one of the pipes.~~

6. (Currently Amended): ~~A pipe~~ The pipes of claim 5, wherein the fins are streamlined.

7. (Currently Amended): ~~A pipe~~ The pipes of claim 6, wherein the circumferential ~~surface of the pipe is~~ surfaces of the pipes are wave-shaped.

8. (New): The cooling system of claim 1, further comprising exactly one radiator.